

STATE OF SOUTH AUSTRALIA.

Rural Production, 1950-51.

This Bulletin repeats, with some minor corrections, the principal statistics relating to cereals and livestock recently published in Bulletins 8 and 11 and gives data concerning other crops, exports, manures used, implements, employment, etc. some items being provisional. Particulars of varieties of wheat, barley and oats were published in Bulletin 9.

In the various tables in this bulletin production results of the year 1950-51 are compared with the same results of the previous 2 years and of the pre-war year 1938/39. In the text, figures for 1949-50 are shown in parentheses.

I. AREAS UNDER CROP

Particulars	1938-39	1948-49	1949-50	1950-51
	Acres	Acres	Acres	Acres
Wheat for Grain	3,080,401	2,063,034	1,896,324	1,846,868
Barley for Grain	457,039	697,751	693,758	764,862
Oats for Grain	266,842	286,540	261,416	271,396
Rye for Grain	5,273	41,085	39,537	34,616
Peas - Field	16,570	15,280	16,545	16,126
Lucerne, Clover etc. Seed	2,342	16,482	27,896	22,289
Flax	4	3,099	1,753	784
Linseed	-	959	3,737	11,425
Hay	519,309	234,292	294,590	260,787
Green Fodder	276,021	292,446	277,971	341,245
Vines Wine (b)	36,457	46,929	47,965	46,258
Drying, Table (b)	21,563	12,877	12,288	16,213
Orchards	28,943	29,732	c 26,858	28,686
Vegetables - Potatoes	4,290	5,860	7,245	6,969
Other Domestic	5,446	10,468	8,995	9,691
Nurseries	177	156	136	131
Chicory	31	86	112	95
Canary Seed	3,076	84	70	144
Mustard Seed	-	110	-	-
Other (a)	306	156	56	70
Total Crops	4,724,090	3,757,426	3,617,252	3,678,655

- (a) Includes Vegetable Seeds, Herbs, Sunflower, Safflower, etc.
 (b) According to purpose for which grapes used during year.
 (c) Private orchards and those not now worked have been omitted.

Vegetables for 1950-51 (1949-50) include Green Peas 4,608 (3,893) Turnips and Swedes 362 (373), Carrots 275 (273), Onions 506 (435), Pumpkins, Triangles etc. 764 (707), Tomatoes 656 (862), Cabbages 366 (385), Cauliflowers 462 (517), French Beans 319 (359), Beetroot 190 (104), Lettuce 298 (274), Celery 396 (376) acres.

II LAND UTILIZATION

In addition to the area under crop of 3,678,655 (3,617,252) acres, there were 1,538,071 (1,664,499) acres under fallow, 135,152 (133,235) of lucerne for grazing and 930,571 (828,851) of clover and grasses other than native grasses. The total area of all holdings including uncleared pasture land was 153,430,786 (146,526,274) acres.

III YIELDS OF CROPS

Particulars		1938-39	1948-49	1949-50	1950-51
Wheat	Bush.	31,674,418	26,136,346	28,350,860	30,932,301
Barley	"	7,541,090	12,103,446	12,725,240	16,727,030
Oats	"	2,401,128	2,643,419	3,463,997	3,533,333
Rye	"	18,469	258,655	220,339	146,934
Peas - Field	"	96,329	168,187	164,104	241,995
Hay	Tons	585,554	311,997	384,604	362,096
Seeds (Clover etc)	Cwt.	2,967	14,362	29,643	21,179
Potatoes	Tons	18,487	33,054	40,984	35,955
Onions	"	3,892	4,971	4,607	5,242
Tomatoes	Bush.	226,691	338,383	316,694	273,943
Green Peas	"	97,918	224,640	255,620	221,871
Carrots	Tons	1,117	2,757	2,788	2,612
Wine	Gall	11,147,046	26,295,184	24,977,313	19,714,846
Currants	Cwt.	191,381	125,001	84,881	116,608
Sultanas	"	192,926	122,086	108,735	127,600
Raisins	"	40,212	14,500	9,166	29,802
Apples	Bush.	808,020	814,300	663,450	399,431
Apricots	"	343,569	459,369	428,808	499,170
Peaches	"	149,602	157,093	137,074	177,898
Pears	"	195,995	310,860	206,151	227,692
Plums, Prunes	"	134,030	144,528	110,744	114,890
Oranges	"	815,460	1,177,889	1,103,185	1,183,467
Lemons	"	55,862	54,240	56,974	62,795
Almonds	Cwt.	9,994	13,874	17,937	16,822

a. Excluding 1,151,042 lbs. of canning (shelled) peas.

YIELDS PER ACRE

Wheat	Bush.	10.28	12.67	14.95	16.75
Barley	"	16.50	17.35	18.34	21.87
Oats	"	9.00	9.23	13.25	13.02
Hay	Tons	1.13	1.33	1.31	1.39
April-Nov. Rain	Inch	10.00	11.73	12.18	11.29

Other Vegetable Yields for 1950-51 (1949-50) included - Parsnips 899 (826) tons, Swedes and Turnips 2,286 (2,301) tons; Beetroot 1,715 (1,392) tons; Pumpkins, Triangles etc. 4,217 (3,862) tons; French Beans 67,021 (78,562) bushels; Broad Beans 7,567 (3,494) bushels, Cauliflowers 159,597 (203,239) dozen; Cabbages 185,292 (185,122) dozen, Lettuce 169,716 (167,740) cases, Celery 222,962 (229,629) crates; Silver Beet 29,071 (9,930) dozen bunches.

Other Fruit yields for 1950-51 (1949-50) included cherries 54,542 (59,484), Figs 20,195 (16,022), Nectarines 22,668 (17,266) Grape Fruit 33,730 (23,774); Quinces 14,083 (11,508), Loquats 1,939 (892) bushels, Walnuts 1,072 (511) cwts.

Berry Fruits were:- Raspberries 620 (593), Strawberries 651 (919), Black and Red Currants 389 (79), Other 589 (1,183) cwts.

Oranges were specified as Navel 830,366 (797,305), Valencia 313,543 (228,880), Seville and Poorman 9,004 (7,788), Mandarins 30,554 (25,475). Other seeded types 50,746 (43,737) bushels.

Plums were 35,911 (55,671) and prunes 78,979 (59,484) bushels.

ENSILAGE made 3,842 (5,545) tons.

RECORD YIELDS. Records have been as follows:- Wheat 1931-32 48,093,102 bushels, Barley 1950-51 16,727,030 bushels, Oats 1947-48 5,394,261 bushels, Wine 1948-49 26,295,184 gallons, Currants 1943-44 209,140 cwt. Sultanas 1943-44 333,300 cwt., Raisins 1940-41 89,557 cwt. Apples 1940-41 1,750,000 bushels, Oranges 1950-51 1,183,467 bushels, Pears 1948-49 310,860 bushels, Almonds 1949-50 17,937 cwts, Apricots 1943-44 551,734 bushels.

IV. OVERSEA EXPORTS (Years ended June)

Products		1938-39	1948-49	1949-50	1950-51
Barley	Bush.	2,248,212	8,461,098	8,666,232	9,851,926
Wheat	Bush.	18,486,303	16,335,532	9,855,742	15,869,355
Flour	Tons	86,678	147,254	92,016	129,036
Butter	Lb.	7,385,564	6,779,732	4,965,324	3,424,987
Cheese	Lb.	12,907,683	16,204,409	13,107,105	9,008,474
Eggs	£	98,911	814,786	706,423	654,653
Pork, bacon	Lb.	466,462	959,331	724,461	534,122
Mutton	Carc.	3,299	99,791	133,833	22,623
Lamb	Carc.	667,248	520,017	529,255	361,926
Wool (as greasy)	Lb.	87,272,802	118,707,000	113,586,000	109,000,000
Currants, raisins	Lb.	42,692,777	21,022,369	12,908,752	19,994,588
Tree fruits - fresh, dried etc.	£	275,074	413,213	560,672	634,167
Wine	Gall.	3,440,509	1,527,238	890,763	1,050,189

V. MANURE USED.

Particulars		1938-39	1948-49	1949-50	1950-51
Crops manured	Acres	4,281,419	3,279,431	3,121,981	3,251,559
Manure used	Tons	179,118	156,750	148,149	153,802
Cropped area manured	%	90.6	87.3	86.3	88.4
Manure per acre	Lbs.	93.7	107.1	106.3	106.0
Pastures manured	Acres	1,095,120	1,740,774	1,792,334	1,859,400
Manure used	Tons	56,325	93,357	95,618	101,979
Manure per acre	Lbs.	115.2	120.1	119.5	122.9

The quantity of manure is that used for producing the crops grown in the seasons stated. In connection with top-dressed pastures, it is noted that 135,152 (133,235) acres of lucerne and 930,571 (828,851) acres of clover and grasses other than native grasses were grazed during the year, apart from lucerne, clover, etc. harvested for seed or hay.

Particulars of fertilisers used for 1950-51 were:-

Crop	Area Manured	Super phosphate	Other Fertilisers	Total per acre
	Acres	Tons	Tons	Lbs.
Wheat for Grain	1,786,787	77,755	185	97.71
Other Cereals, Hay	1,396,206	60,993	255	98.26
Vegetables	12,895	2,240	3,492	995.71
Fruits, Vines	48,058	2,979	5,377	389.48
Other Crops	7,613	477	49	154.77
Total Crops	3,251,559	144,444	9,358	105.95
Pastures	1,859,400	101,275	704	122.85
Grand Total	5,110,959	245,719	10,062	112.10

VI. LIVESTOCK ETC.

Particulars		1938-39	1948-49	1949-50	1950-51
Sheep	No.	9,936,586	9,365,713	9,477,026	10,166,513
Cattle -					
Dairy Cows	"	165,110	203,479	203,166	133,839
Other	"	153,787	257,607	260,975	248,727
Horses	"	195,834	94,071	82,617	71,215
Pigs	"	71,292	71,427	69,523	67,517
Ewes Mated	"	4,202,848	4,250,094	4,278,181	4,329,140
Lambs Marked	"	3,077,634	2,967,327	3,040,458	3,185,691
Wool Production	Lbs.	102,888,121	105,460,172	106,707,489	114,000,000
Butter Made	"	20,716,584	20,808,743	19,625,923	17,450,000
Cheese Made	"	18,457,598	26,105,591	23,714,869	19,950,000
Milk Production	Gall.	72,500,000	91,300,000	89,400,000	82,500,000
Bacon and Ham	Lbs.	5,987,363	8,460,221	7,430,210	6,800,000
Slaughterings		1938	1948	1949	1950
Sheep, Lambs	No.	1,588,507	2,010,611	2,317,177	2,022,071
Cattle, Calves	"	167,451	189,255	200,848	217,688
Pigs	"	150,369	150,161	115,371	110,933

VII. MACHINERY, IMPLEMENTS

		1938-39	1946-47	1949-50	1950-51
Tractors	No.	5,969	9,456	13,709	16,128
Engines (stationary)	"	16,841	21,121	22,256	23,942
Ploughs	"	30,609	33,379	27,533	NA
Rotary Hoes	"	531 b	752	1,108	1,286
Potato Diggers	"	NA	299	365	427
Hay Pressers and Balers	"	275 a	654	860	900
Spraying Plants (power driven)	"	NA	1,275	1,540	1,709
Electric Motors ($\frac{1}{2}$ H.P. and over)	"	NA	NA	4,098	5,201
Grain Drills	"	19,203	18,074	16,790	NA
Binders	"	10,632	9,582	8,654	NA
Headers, Strippers etc.	"	NA	14,966	13,605	NA
Milking Machines	"	684	2,839	4,198	4,590
Shearing Machines	"	2,976 a	4,306	6,846	8,134

NA Not available. a 1942-43 b 1943-44.

Increases are noted in power machinery such as tractors, engines, milking machines, shearing machines, rotary hoes etc. but the decrease in crop areas is reflected in the decreases in drills, ploughs, binders, headers, etc.

Details for 1950-51 were as follows:-

Tractors. Crawler or track type 2,566, Wheeled type 13,562.
 Milking Machines. Unit size 1 and unspecified 580, 2 - 2,286, 3 - 1,145, 4 - 451, 5 - 68, 6 - 54, 8 and over 6, Total Units 11,021.
 Shearing Machines as per number of stands 1 and unspecified - 3,154, 2 - 3,901, 3 - 665, 4 - 229, 5 - 53, 6 and over 132, Total Stands 15,153
 Particulars are not available for 1950-51 but in 1949-50 there were 5,017 disc cultivators, 6,321 spring tooth cultivators, 6,530 rigid tine cultivators, 98,433 harrows (leaves). 2,806 scarifiers, 2,256 other cultivators, 3,393 fertiliser distributors and broadcasters, 718 seed planters, 16,790 grain drills (12,030 combine type 4,760 other), 5,028 mowers, 6,722 hay rakes, 14,204 motor trucks and lorries.

VIII. PERSONS ENGAGED PERMANENTLY.

Particulars		1938-39	1948-49	1949-50	1950-51.
Males	No.	41,421	38,109	38,561	36,944
Females	No.	2,942	5,462	6,990	6,117
Persons	No.	44,363	43,571	45,551	43,061

Particulars have been collected under the following headings.

		Occupiers, Lessees, etc.		Unpaid Relatives		Paid Relatives	
		1950	1951	1950	1951	1950	1951
Males	No.	28,122	26,919	2,079	1,861	8,360	8,164
Females	"	4,766	4,053	1,273	1,161	951	948

Temporary Employees - March 1951 (1950) 13,129 (11,432) Males, 3,047 (2,904) Females.

Wages and Salaries (including Value of Keep) 1950-51 (1949-50).
To Permanent Workers. Males £3,053,165 (£2,399,260), Females £142,907 (£140,825). To Temporary Workers. Males £1,876,204 (£1,434,337), Females £135,981 (£135,394).

IX. BEEKEEPING

Allowing for varying good and bad seasons (usually alternating) it can be said that the production of honey and beeswax in recent years is practically three times greater than 10 years previously. During 1948-49 there was the record production of 10,906,372 lbs. of honey and of 140,384 lbs. of beeswax but 1950-51 (and 1949-50) were off years with only 5,802,711 (5,178,447) lbs. of honey and 78,838 (70,442) lbs. of beeswax. There were 1,237 (1,215) beekeepers with 84,598 (83,088) productive and 21,148 (28,032) unproductive hives. The number of beekeepers remains fairly constant. The total number of hives for 1949-50 was a record.

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